



PTO-1449 <b>Information Disclosure Citation in an Application</b>	Application No.	Applicant(s) Eoff, <i>et al.</i>	
	Docket Number. HES 2003-IP-009464	Group Art Unit	Filing Date

**U.S. PATENT DOCUMENTS**


		DOCUMENT NO.	ISSUE/ PUB. DATE	NAME	CLASS	SUBCLASS	FILING DATE
JSF	1	4,401,789	08/30/83	Gideon	524	827	07/14/81
JSF	2	4,532,052	07/30/85	Weaver, <i>et al.</i>	252	8.55 R	08/25/82
JSF	3	5,944,106	08/31/99	Dalrymple, <i>et al.</i>	166	281	08/06/97
JSF	4	5,972,848	10/26/99	Audibert, <i>et al.</i>	507	119	10/15/96
JSF	5	6,070,664	06/06/00	Dalrymple, <i>et al.</i>	166	281	02/12/98
JSF	6	6,476,169	11/05/02	Eoff, <i>et al.</i>	523	307.2	09/28/00
JSF	7	6,497,283	12/24/02	Eoff, <i>et al.</i>	166	293	11/19/01
JSF	8	6,569,983	05/27/03	Treybig, <i>et al.</i>	528	102	12/20/01
JSF	9	10/236,722		Eoff, <i>et al.</i> 2004/0045712			09/06/02
JSF	10	10/375,787		Eoff, <i>et al.</i> 2004/0171495			02/27/03
JSF	11	10/440,337		Eoff, <i>et al.</i> 2004/0229786A1			05/16/03
JSF	12	10/612,271		Eoff, <i>et al.</i> 2005/0000694			07/02/03

**FOREIGN PATENT DOCUMENTS**

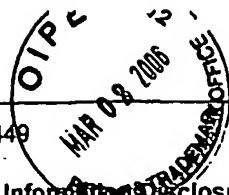
		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							Yes	No

**NON-PATENT DOCUMENTS**

		<b>DOCUMENT (Including Author, Title, Source, and Pertinent Pages)</b>	

EXAMINER 	DATE CONSIDERED 3/8/2004
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.



PTO-1449 Information Disclosure Citation in an Application	Application No. 10/763,800	Applicant(s): LARRY S. EOFF ET AL.	
	Docket Number 2003-IP-009464U1	Group Art Unit 1714	Filing Date 01/24/04

**U.S. PATENT DOCUMENTS**

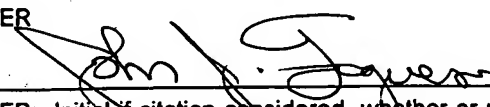
		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
✓	1.	5,597,783	01/28/97	Audibert, et al.	507	120	05/04/95
✓	2.	5,637,556	06/10/97	Argillier, et al.	507	120	05/04/95
✓	3.	5,720,347	02/24/98	Audibert, et al.	166	294	01/11/96
✓	4.	4,814,096	03/21/89	Evani	252	8.554	08/01/83
✓	5.	US 2005/0230116 US Pat. App. Ser. No. 11/183,028)	-	Nguyen, et al.	-	-	07/15/05

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
✓		WO 2004/094781	11/4/04	PCT	E21 B	43/26	X	
✓		WO 2003/056130	07/10/03	PCT	E21B	43/26	X	
✓		WO 2000/78890	12/28/00	PCT	C09K	7/02	X	

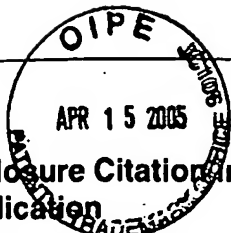
**NON-PATENT DOCUMENTS**

		DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE
✓		XU, ET AL., MODELING OF LASER SPALLATION DRILLING OF ROCKS FOR GAS-AND OILWELL DRILLING, SPE 95746, 2005	
✓		GAHAN, ET AL., EFFECT OF DOWNHOLE PRESSURE CONDITIONS ON HIGH-POWER LASER PERFORATION, SPE 97093, 2005	
✓		GAHAN, ET AL., ANALYSIS OF EFFICIENT HIGH-POWER FIBER LASERS OF WELL PERFORATION, SPE 90661, 2004	
✓		PARKER, ET AL., WELL PERFORATION USING HIGH-POWER LASERS, SPE 84418, 2003	
✓		PARKER, ET AL., LASER DRILLING: EFFECTS OF BEAM APPLICATION METHODS ON IMPROVING ROCK REMOVAL, SPE 84353, 2003	
✓		BAI, ET AL., IMPROVED DETERMINATION OF STREE-DEPENDENT PERMEABILITY FOR ANISOTROPIC FORMATIONS, SPE 78188, 2002	
✓		PROETT, ET AL., ADVANCED PERMEABILITY AND ANISOTROPY MEASUREMENTS WHILE TESTING AND SAMPLING IN REAL-TIME USING A DUAL PROBE FORMATION TESTER, SPE 62919, 2000	
✓		PROETT, ET AL., ADVANCED DUAL PROBE FORMATION TESTER WITH TRANSIENT, HARMONIC, AND PULSED TIME-DELAY TESTING METHODS DETERMINES PERMEABILITY, SKIN AND ANISOTROPY, SPE 64650, 2000	

EXAMINER 	DATE CONSIDERED 3 / 8 / 2006
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**HES 2003-IP-009464U1**  
**. PATENT**

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		Docket Number <b>2003-IP-009464U1</b>	Group Art Unit	Filing Date <b>01/24/2004</b>

### U.S. PATENT DOCUMENTS

	DOCUMENT NO.	ISSUE/ PUB. DATE	NAME	CLASS	SUBCLASS	FILING DATE
<del>338</del>	2,863,832	12/09/58	Perrine	252	8.55	05/14/54
<del>225</del>	2,910,436	10/27/59	Fatt, et al	252	8.55	10/02/53
<del>225</del>	3,215,199	11/02/65	Dilgren	166	38	02/21/63
<del>225</del>	3,251,415	05/17/66	Bombardieri, et al	166	42	04/01/65
<del>225</del>	3,297,090	10/10/67	Dilgren	166	38	04/24/64
<del>225</del>	3,307,630	03/07/67	Dilgren, et al	166	38	06/12/64
<del>225</del>	3,382,924	05/14/68	Veley, et al	166	42	09/06/66
<del>225</del>	3,434,971	03/25/69	Atkins	252	8.55	08/25/65
<del>225</del>	3,441,085	04/29/69	Gidley	166	307	09/07/67
<del>225</del>	3,451,818 ?	06/24/69	Wareham <i>(Circled)</i>	96	78	04/19/66
<del>225</del>	3,910,862	10/07/75	Barabas, et al	260	79.3MU	08/27/73
<del>225</del>	4,129,183	12/12/78	Kalfoglou	166	300	06/30/77
<del>225</del>	4,158,521	06/19/79	Anderson, et al	405	264	06/26/78
<del>225</del>	4,299,710	11/10/81	Dupre, et al	252	8.5A	05/30/75
<del>225</del>	4,366,071	12/28/82	McLaughlin, et al	252	8.55R	02/04/80
<del>225</del>	4,366,072	12/28/82	McLaughlin, et al	252	8.55R	02/04/80
<del>225</del>	4,366,073	12/28/82	McLaughlin, et al	252	8.55R	02/04/80
<del>225</del>	4,366,074	12/28/82	McLaughlin, et al	252	8.55R	02/04/80
<del>225</del>	4,374,739	02/22/83	McLaughlin, et al	252	8.55R	02/04/80
<del>225</del>	4,393,939	07/19/83	Smith, et al	166	293	04/20/81
<del>225</del>	4,395,340	07/26/83	McLaughlin	252	8.55D	07/14/81
<del>225</del>	4,439,334	03/27/84	Borchardt	252	8.55D	07/14/81
<del>225</del>	4,440,649	04/03/84	Loftin, et al	252	8.5C	01/28/82
<del>225</del>	4,447,342	05/08/84	Borchardt, et al	252	8.55D	04/19/82
<del>225</del>	4,460,627	07/17/84	Weaver, et al	427	212	08/25/82
<del>225</del>	4,462,718	07/31/84	McLaughlin, et al	405	264	05/04/78

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### U.S. PATENT DOCUMENTS

	DOCUMENT NO.	ISSUE/PUB. DATE	NAME	CLASS	SUBCLASS	FILING DATE
<del>058</del>	4,536,297	08/20/85	Loftin, et al	252	8.5C	01/19/84
<del>058</del>	4,536,305	08/20/85	Borchardt, et al	252	8.55R	09/21/84
<del>058</del>	4,554,081	11/19/85	Borchardt, et al	252	8.5A	05/21/84
<del>058</del>	4,563,292	01/07/86	Borchardt	252	8.55R	08/02/84
<del>058</del>	4,604,216	08/05/86	Irvin, et al	252	8.510	06/11/84
<del>058</del>	4,627,926	12/09/86	Peiffer, et al	252	8.55R	09/19/84
<del>058</del>	4,693,639	09/15/87	Hollenbeak, et al	405	263	06/25/86
<del>058</del>	4,699,722	10/13/87	Dymond, et al	252	8.551	05/23/85
<del>058</del>	4,730,028	03/08/88	Bock, et al	526	225	03/28/86
<del>058</del>	4,828,726	05/09/89	Himes, et al	252	8.553	09/11/87
<del>058</del>	4,959,432	09/25/90	Fan, et al	526	287	07/18/88
<del>058</del>	5,071,934	12/10/91	Peiffer	526	307	07/03/89
<del>058</del>	5,097,904	03/24/92	Himes	166	294	02/28/91
<del>058</del>	5,146,986	09/15/92	Dalrymple	166	294	12/11/91
<del>058</del>	5,160,642	11/03/92	Schild, et al	252	8.551	05/25/90
<del>058</del>	5,197,544	03/30/93	Himes	166	294	12/18/91
<del>058</del>	5,208,216	05/04/93	Williamson, et al	507	120	06/30/92
<del>058</del>	5,244,042	09/14/93	Dovan, et al	166	270	02/26/92
<del>058</del>	5,271,466	12/21/93	Harms	166	300	10/30/92
<del>058</del>	5,342,530	08/30/94	Aften, et al	252	8.551	05/04/92
<del>058</del>	5,379,841	01/10/95	Pusch, et al	166	295	04/12/93
<del>058</del>	5,607,902	03/04/97	Smith, et al	507	120	03/04/96
<del>058</del>	5,669,456	09/23/97	Audibert, et al <del>Optical</del>	175	72	07/01/96
<del>058</del>	5,735,349	04/07/98	Dawson, et al	166	295	08/16/96
<del>058</del>	5,887,653	03/30/99	Bishop, et al	166	281	08/15/97

EXAMINER *[Signature]*

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**U.S. PATENT DOCUMENTS**

	DOCUMENT NO.	ISSUE/PUB. DATE	NAME	CLASS	SUBCLASS	FILING DATE
<i>5/28</i>	5,972,848 (English Equiv. of WO 93/15164)	10/26/99	Audibert, et al	507	119	10/15/96
<i>5/28</i>	5,979,557	11/09/99	Card, et al	166	300	05/29/97
<i>5/28</i>	6,187,839 B1	02/13/01	Eoff, et al	523	130	03/03/99
<i>5/28</i>	6,228,812 B1	05/08/01	Dawson, et al	507	221	04/05/99
<i>5/28</i>	6,237,687 B1	05/29/01	Barbee, Jr., et al	166	278	06/09/99
<i>5/28</i>	6,253,851 B1	07/03/01	Schroeder, Jr., et al	166	278	09/20/99
<i>5/28</i>	6,277,900 B1	08/21/01	Oswald, et al	523	130	11/19/98
<i>5/28</i>	6,283,210 B1	09/04/01	Soliman, et al	166	270	09/01/99
<i>5/28</i>	6,364,016 B1	04/02/02	Dalrymple, et al	166	270	10/26/00
<i>5/28</i>	6,476,283 B1	11/05/2002	Devore, et al	585	250	06/29/00
<i>5/28</i>	6,380,137 B1 (English Equiv. of EP 1 033 378 A1)	04/30/02	Heier, et al	507	121	03/02/00
<i>5/28</i>	6,497,283 B1	12/24/02	Eoff, et al	166	293	11/19/01
<i>5/28</i>	6,516,885 B1	02/11/03	Munday	166	295	01/26/99
<i>5/28</i>	6,609,578 B2	08/26/03	Patel, et al	175	64	06/18/01
<i>5/28</i>	6,710,107 B2	03/23/04	Audibert, et al	524	5	02/09/01
<i>5/28</i>	US 2003/0019627 A1	01/30/03	Qu, et al	166	281	01/17/02
<i>5/28</i>	US 2004/0102331 A1	05/27/04	Chan, et al	507	100	11/22/02
<i>5/28</i>	US 2004/0229757A1 (US Pat. App. Ser. No. 10/760,443)	11/18/04	Eoff, et al (Ref. No. 2001-IP-005267U1P1)	507	219	01/20/04

EXAMINER <i>John J. Squero</i>	DATE CONSIDERED <i>3/13/2006</i>
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**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
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<i>JSF</i>		DE 2 250 552	04/18/74	Germany ( <i>Translation</i> )	39b4	19/00	X	
<i>JSF</i>		EP 0 383 337 A2	08/22/90	Europe	E21B	33/138	X	
<i>JSF</i>		EP 0 896 122 A2	02/10/99	Europe	E21B	33/138	X	
<i>JSF</i>		EP 1 033 378 A1 (See Equivalent, US 6,380,137 B1)		<i>Derwent Abstract Only</i>				X
<i>JSF</i>		EP 1 193 365 A1	04/03/02	Europe	E21B	33/138	X	
<i>JSF</i>		EP 1 312 753 A1	05/21/03	Europe	E21B	33/138	X	
<i>JSF</i>		GB 2 221 940 A	02/21/90	UK	C09K	7/02	X	
<i>JSF</i>		WO 93/15164 (See Equivalent, US 5,972,848)		<i>Abstract Only - JSF</i>				X
<i>JSF</i>		WO 99/49183	09/30/99	PCT	E21B	43/02	X	
<i>JSF</i>		WO 99/50530	10/07/99	PCT	E21B	43/02	X	
<i>JSF</i>		WO 02/097236 A1	12/05/02	PCT	E21B	43/02	X	

EXAMINER

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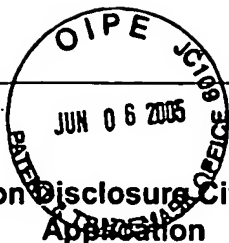
### U.S. PATENT DOCUMENTS

	DOCUMENT NO.	ISSUE/ PUB. DATE	NAME	CLASS	SUBCLASS	FILING DATE
<del>28X</del>	4,158,726	06/19/79	Kamada, et al	526	200	12/27/77
<del>28X</del>	4,536,303	08/20/85	Borchardt	252	8.55R	08/02/84
<del>28X</del>	4,671,883	06/09/87	Connell	252	8.515	07/12/85
<del>28X</del>	6,124,245	09/26/00	Patel	507	120	10/07/98
<del>28X</del>	6,359,047 B1	03/19/02	Thieu, et al	524	376	03/20/01
<del>28X</del>	6,787,506 B2	09/07/04	Blair, et al	507	222	04/03/02
<del>28X</del>	US 2003/0191030A1	10/09/03	Blair, et al	507	225	04/03/02

### NON-PATENT DOCUMENTS

	DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	
<del>28X</del>	Botermans, C. Wouter, et al, <i>Relative Permeability Modifiers: Myth or Reality?</i> , SPE No. 68973, 2001, Society of Petroleum Engineers, Inc., presented at SPE European Formation Damage Conference, The Hague, The Netherlands, May 21-22, pp. 1-13 (previously listed as website address, SPE eLibrary)	
<del>28X</del>	Eoff, Larry, et al, <i>Structure and Process Optimization for the Use of a Polymeric Relative-Permeability Modifier in Conformance Control</i> , SPE No. 64985, 2001, Society of Petroleum Engineers, Inc., presented at SPE International Symposium on Oilfield Chemistry, Houston, TX, February 13-16, pp. 1-14 (previously listed as website address, SPE eLibrary)	

EXAMINER <i>John F. Jeyaram</i>	DATE CONSIDERED <b>3/9/2006</b>
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**U.S. PATENT DOCUMENTS**

	DOCUMENT NO.	ISSUE/ PUB. DATE	NAME	CLASS	SUBCLASS	FILING DATE
<del>501</del>	3,744,566	07/10/73	Szabo et al.	166	275	03/16/72
<del>502</del>	5,382,371	01/17/95	Stahl et al.	507	221	11/06/92
<del>503</del>	5,979,557	11/09/99	Card et al.	166	300	05/29/97

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EXAMINER <i>[Signature]</i>	DATE CONSIDERED <b>3/8/2008</b>
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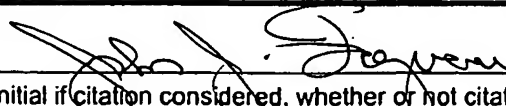
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### U.S. PATENT DOCUMENTS

	DOCUMENT NO.	ISSUE/PUB. DATE	NAME	CLASS	SUBCLASS	FILING DATE
<del>585</del>	US 2004/0102331 A1	05/27/04	Chan, et al	507	100	11/22/02
<del>585</del>	US 2004/0220058A1 (US Pat. App. Ser. No. 10/862,132)	11/04/04	Eoff, et al (Ref. No. 2000-IP-002244U1P1)	507	200	06/04/04
<del>585</del>	US Pat. App. Ser. No. 10/763,800	-	Eoff, et al (Ref. No. 2002-IP-009464U1)	-	-	01/24/04
<del>585</del>	US Pat. App. Ser. No. 10/780,995	-	Eoff, et al (Ref. No. 2002-IP-007848U1)	2005/0178549	-	02/18/04
<del>585</del>	US Pat. App. Ser. No. 10/806,894	2005/0155796A1	Eoff, et al (Ref. No. 2001-IP-005267U1P2)	-	-	03/23/04
<del>585</del>	US Pat. App. Ser. No. 10/825,001	2005/0230114 A1	Eoff, et al (Ref. No. 2002-IP-007056U2)	-	-	04/15/04
<del>585</del>	US Pat. App. Ser. No. 10/872,997	-	Eoff, et al (Ref. No. 2003-IP-011298U3)	2005/0279502	-	06/21/04
<del>585</del>	US Pat. App. Ser. No. 10/881,198	-	Dalrymple, et al (Ref. No. 2003-IP-012775U1)	2005/0284632	-	06/29/04
<del>585</del>	US Pat. App. Ser. No. 10/893,210	-	Eoff, et al (Ref. No. 2001-IP-005267P6)	2005/023011C	-	07/16/04
<del>585</del>	US Pat. App. Ser. No. 11/102,062	-	Sierra, et al (Ref. No. 2003-IP-012775U1P1)	2005/099396	-	04/08/05

Initial Application

EXAMINER 	DATE CONSIDERED 3/8/2005
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PTO-1449 <b>Information Disclosure Citation in an Application</b>	Application No. <b>10/763,800</b>	Applicant(s) <b>Larry S. Eoff, et al.</b>	
	Docket Number <b>2003-IP-009464U1</b>	Group Art Unit <b>1714</b>	Filing Date <b>01/24/2004</b>

### FOREIGN PATENT DOCUMENTS

	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						Yes	No
<input checked="" type="checkbox"/>	WO 04/101706 A1	11/25/2004	PCT	E21B	43/25	X	

### NON-PATENT DOCUMENTS

	DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	
<input type="checkbox"/>	Search Report and Written Opinion of International Application No. PCT/GB2004/005395	11/05/2005

EXAMINER <i>John J. Egan</i>	DATE CONSIDERED <i>3/8/2006</i>
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PTO-1449  Information Disclosure Citation in an Application	Application No. 10/763,800	Applicant(s): EOFF, ET AL.	
	Docket Number 2003-IP-009464U1	Group Art Unit 1714	Filing Date 01/24/2004

## U.S. PATENT DOCUMENTS

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## FOREIGN PATENT DOCUMENTS

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